

**PROJECT JUSTIFICATION
for
CRICKET COMMUNICATIONS
Collocation on Existing Crown Castle Monopole
West Side of Oso Boanco Road 1,150 feet South of Deer Springs Way
LAS VEGAS, NV 89130**

To: Linda Hartman-Maynard
City of Las Vegas
Community Development Department

From: Mark McGarey 
Marken Telecommunications Services

Date: 6/26/07

Re: Crown "Desert Tower"
CRICKET COMMUNICATIONS Collocation - LAS-374-A
Oso Boanco and Deer Springs Way

Crown Castle is the nation's largest tower infrastructure provider. They own and manage tower sites in all fifty states and internationally. They have recently acquired numerous towers in Las Vegas and work closely with their wireless communication provider tenants and local jurisdictions to ensure the long-term viability of their facilities. Crown is committed to providing reliable multi-user facilities that meet the changing needs of the communities they serve while ensuring excellent siting locations for their wireless customers.

Ownership/Authority

Crown currently owns and operates a 60' wireless communications monopole at in the C-1 zoning district located on the west side of Oso Boanco Road approximately 1,150 feet south of Deer Springs Way. This facility was purchased from Sprint and its manager Global Signal in January, 2007 (see acquisition docs provided). The tower lease provides Crown with the right to modify and improve this facility (see paragraph 9.c.) and to make necessary applications with governmental entities to keep it in compliance (paragraph 3). The lease was originally entered into in 1997 between Cox Communication and ROME 95 Limited Partnership. Sprint subsequently purchased the lease from Cox and the und underlying ground was purchased by Clark County in October, 1998.

In preparation of this application, Crown contacted the Clark County Public Works Department (Pam Wyatt, County Right-of-Way Manager, (702) 455-6098) and notified her of this impending action. A request was made that the County provide authorization signatures to the application. This request is under consideration but as it is legally unnecessary given Crown's lease rights, the

**SUP-22852
08/09/07 PC**



application is being submitted under the authority of Crown Castle, via its rights granted it by the county through the lease. At the time of the filing, Clark County had not confirmed a signor or process to consider the request. A letter to the file will be submitted with Clark County's signature or response should Crown obtain one.

Special Use Permit Requirement

In accordance with the spirit of the City of Las Vegas' wireless code, Crown would like to provide opportunities for collocation on its tower facility to limit the need for additional wireless communication poles in the area and accommodate the growing need for communication sites in the region. Crown, on behalf of Cricket Communications, proposes to extend the existing 60' tall co-locatable steel monopole by 20' to allow for the addition of Cricket to the site. A Special Use Permit is required for this improvement as the City of Las Vegas wireless code considers a non-stealth extension to an existing monopole as a "new" pole. An administrative filing was denied for this facility design (SDR-22044) necessitating the filing of this Special Use application. The details of the project are as follows:

The Project:

- Installation of a 20' extension to the existing 60' monopole. The Cricket antennas would be mounted at the 76' rad center. Top of the antennas and top of the pole would be 80'. Existing antenna arrays on the monopole are at the 55' and 60' rad center.
- Installation of three 8' panel antennas at the 76' level, one per sector.
- Installation of two telecommunications cabinets mounted on a new concrete pad inside an existing 22'x71' walled compound. The cabinets will not exceed the height of the existing compound wall.
- The facility is surrounded by an 8' tan cmu block wall, and two sets of 8' chain link gates.
- The associated coaxial cables would be inside the monopole from the antennas then across a cable bridge to the newly placed Cricket equipment cabinets. Future carrier coax will run via similar cable trays from the pole to their respective equipment buildings/cabinets. The 20' pole extension will allow for Cricket to co-locate as well as one more carrier to co-locate on the pole.
- Installation of a new 200 amp service board inside the fenced compound from an existing electrical transformer.
- A photosim, attached hereto, shows an approximation of the proposed Cricket antenna array on the proposed 20' pole extension.

The Parcel

The parcel approximately 6 acres, APN# 125-21-301-004, is zoned "C-1". It is undeveloped and owned by the Clark County Public Works Department. The parcel is bordered the north and south by undeveloped parcels; residential to the west and Highway 95 to the east. The nearest residential property is located 375'

SUP-22852
08/09/07 PC

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to the east. The impact of the site on these owners will be minimal due to the distance from their parcels to the actual site.

Access

Access to the site will be from Oso Blanca Road across the subject parcel to the site.

Setbacks

The 60' monopole with the 20' extension will be setback from the property lines as follows:

North setback:	250'	to	C-1 District
South setback:	75'	to	C-1 District
East setback:	400'	to	C-1 District
West setback:	375"	to	R-CL District

Co-location

The site is currently designed to accommodate two carriers on the 60' monopole. The 20' extension will allow Cricket and one additional carrier to locate on the monopole. Multiple carriers on one pole minimizes the overall visual impact on the community and is in-keeping with the spirit of the City of Las Vegas wireless ordinance which supports collocation over the development of additional stand-alone facilities.

Should you have any questions, or require additional information, please contact me at 602-432-1736.

Thank you.

SUP-22852
08/09/07 PC

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